GAINWARD

Premium Brand of #1 NVIDIA Board Partner

Gainward GeForce GTS 450 1GB Green
<< Less Power Version, GDDR5 >>

Specifications

Process technology	40nm
Processor Cores	144 cores
Memory Amount	1024 MB
Memory Interface	128 bit
DRAM Type	GDDR5
Core Clock	783 MHz
Shader Clock	1566 MHz
Memory Clock	1804 MHz
Memory Bandwidth	57.7 (GB/Sec)

Key Features

- Fermi 2.0
- Microsoft Windows 7 support
- DirectX 11 Done Right
- Shader Model 5.0 support
- Microsoft DirectCompute 5.0 support
- NVIDIA Unified Driver Architecture (UDA)
- NVIDIA CUDA Technology
- Better NVIDIA PhysX performance
- NVIDIA 3D Vision support
- NVIDIA PureVideo HD technology
- NVIDIA SLI support
- OpenGL 4.2 support and OpenCL Support
- High Definition 1080p Display Support
- Dual-link HDCP Capable
- Native HDMI 1.4a connector

Gainward Unique Features

- **Gainward Optimized Own Design, GOOD for Infinity!**

Gainward always comes out creative own innovations, engineering for more stable circuit layouts, empowering GPU, memory & key components with more than sufficient power for better over-clock ability.

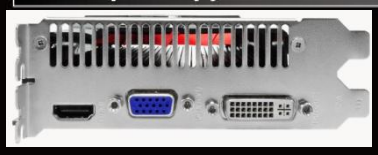
- **Rugged Cap, Full Solid-State OS-CON capacitors**

Gainward's design equip with the highest quality components to ensure excellent stability at extreme conditions.

- **EXPERTool- Gainward's award winning!**

Gainward takes care of your power-hungry desires, gears you up with the best graphics tuning utility – EXPERTool, customized performance enhancements and efficient desktop management, which enable clock rates and fans controls.

Output Support



Dual-link DVI-I, HDMI, VGA

Minimum system requirements

Graphics card require:
- PCI Express or PCI Express 2.0-compliant motherboard with one dual-width x16 graphics slot
- One 6-pin PCI Express supplementary power connector
- Minimum 400W or greater system power supply (with a minimum 12V current rating of 22A)
- Microsoft Windows 7, Windows Vista, Windows XP

Dimension

PCB: 188mm(L)x112mm(W)
Cooler :2 slot
Bracket: 2 slot

Accessory

1. Driver CD
2. Manual

GW GTS450_Green_bar code: 426018336-2432

Gamer's Spirit!
www.gainward.com